TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

HARTLEY'S PATENT ROUGH PLATE GLASS,

1-8th thick, or 3 lbs. to the foot; 3-16ths, or 3 lbs.; and 1-4th, or 4 lbs. to the foot, for

RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.

SPECIMENS TO BE SEEN AT THE EXHIBITION, in the extreme south-eastern end of the building, adjoining the United States department.

It is being universally admitted that Glass in Roofs of a permanent character should not be less than one-eighth of an inch thick, weighing two pounds to the foot. Messrs. JAMES HARTLEY and CO. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE is manufactured in sizes expressly for Ridge and Furrow Roofs, giving a span of from 6 to 18 feet, at a price not exceeding weight for weight that of common Crown Glass. Not being transparent, blinds are unnecessary, and it is used in Greenhouses no scorching occurs; its NON-TRANSPARENCY and strength render it eminently suitable for the Glazing of Conservatories and Roofs of all kinds; also Factories, Workshops, &c., for which purposes it is supplied in squares of all sizes, from 4 by 4 inches and upwards.

For further information apply to Messrs. JAMES HARTLEY and CO., West Glass Works, Sunderland.

N.B.—The Patent Rough Plate is supplied at a much lower cost than the common Rough Plate.—May 1, 1851.

GLASS.—JAMES PHILLIPS and CO.'s FOREIGN SHEET GLASS, of very superior quality, packed in cases containing 200 feet, and of sizes varying from 10 by 8 in. to 44 in. by 32 in., at 4s. per case. Smaller sizes, from 1 per foot upwards. Glass Tiles and Slates. Sashes primed and glazed, and sent home free of carriage, at 3d. per foot.

N.B. DEPÔT FOR HARTLEY'S PATENT ROUGH PLATE GLASS.—116, Bishopsgate-street, Without.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public that I have now completed a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices one-third. The prices are now from ONE SHILLING PER FOOT SUPERF. and borders from SIXPENCE PER FOOT RUN. A large variety of the cheapest patterns always in stock. Embossing and painted work on the most moderate terms.—CHARLES LONG, No. 1, King-street, Baker-street, Portman-square.—Charles Long.

E. and W. H. JACKSON beg to call the attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE, delivered and for glazing, of unrivalled quality and finish; ROUGH PLATE, CROWN, SHEET, COLOURED, and ORNAMENTAL GLASS, in every variety, of the best manufacture, at the lowest terms. Designs and estimates furnished for ornamental windows, either for houses or church decoration. All applications for estimates and list of prices to be made at their warehouse, 113, WOOD-STREET.

SOHO GLASS WAREHOUSE, 26, SOHO SQUARE.—ALFRED GOSLETT begs to inform Architects, Builders, and the trade generally, that he is prepared to forward contracts for the following descriptions of Glass upon application:—BRITISH PLATE GLASS, of the finest colour and finish. PATENT PLATE GLASS. ORNAMENTAL GLASS, of all descriptions. COLOURED GLASS. ROUGH PLATE GLASS, 1-8, 3-16, 1-4, and 1 inch thick. PATENT ROLLED ROUGH PLATE, 1-8, 3-16, and 1 inch thick. CROWN, SHEET, and HORTICULTURAL GLASS, cut to one and glazed, or in crates, as manufactured. BELGIAN SHEET GLASS, in cases containing 200 feet each case included, at 3d. 3s. per case.

THOMAS MILLINGTON begs to inform BUILDERS and the Trade that he can supply them with FOREIGN and ENGLISH WINDOW GLASS, Plate and Coloured, of every description. ROUGH PLATE GLASS from 1 inch to 1 inch thick. Glass Panelling Slates, &c. &c. White Lead, Paints, Colours, Oils, Varnishes, Brushes, &c.; Milled and Sheet Lead, Lead Pipe from 1 inch to 41 inches bore; Solder, Water Closets, Baths, Plumbers' and Brass Work of every description. Glass upon the very best terms. Glass Ornamental Shades Milk pots, Preserving and Bee Glasses.—Address, 67, Bishopsgate-street Without.

See Advertisement, Saturday, June 28, 1851.

GLASS WATER PIPES.—Messrs. COATHUPE and CO., Crown and Sheet Glass Manufacturers, Nailsea, near Bristol, beg to inform Engineers and others that they are supplying Glass Pipes, with their patent joint, from 1 to 4 inches bore, capable of sustaining very great internal pressure, in lengths from 5 to 7 feet, the lengths being increased as the diameters increase. These pipes may be seen at the Exhibition, with their various forms and modes of jointing in use. Price 5s.; and references can be given of their great utility in numerous localities where they have been successfully employed. The great advantage of glass pipes for the conveyance of pure water over all metallic embankments has been too largely dwelt upon by medical and scientific authorities to require any further comment.

GLASS MARBLE COMPANY.—(WALLACE PATENT.)

The Trade is respectfully informed that SUB-LICENCES for the USE of this beautiful ARTICLE as a building material MAY BE OBTAINED, at a moderate premium.

Its applicability as a surface for the walls of halls, staircases, rooms, ceilings, mantel-pieces, &c. either plain or panelled, and numerous other applications, both as internal and external work, is now too well known and appreciated to the public, both at the Exhibition and elsewhere, to need any comment. It may now be made to surpass the most exquisite marbles, as a specimen of their capacity, and it possesses at the same time a greater durability. Its weight, a matter of some consideration, where real marble is employed, is not sufficient to require more support than that of ordinary walls, and, if there be level, no other support is required.

Applications for Sub-licenses, and particulars to be made either by letter post paid or personally to the MANAGER, at this Office, 52, John-street, Tottenham court-road.

GREAT EXHIBITION, CLASS 23.

ROYAL PORCELAIN WORKS, WORCESTER. ESTABLISHED A.D. 1751.

MESSRS. CHAMBERLAIN and CO.

Manufacturers to her Majesty and the Royal Family.

Beg to inform the Nobility, Gentry, and Public, that their Works and New Show Rooms are open for the inspection of visitors daily, from nine a.m. to six p.m.

Cards of admission to be had on application at the Offices of the manufactory, Diglis-street, Worcester, and the principal hotels in the town.

Worcester, June, 1851.

FOR WATERING GARDENS, DISTRIBUTING LIQUID MANURE, BREWERS' USE, &c.

PATENT VULCANISED INDIA-RUBBER HOSE-PIPES AND FLEXIBLE GAS-TUBING.

JAMES LYNE HANCOCK, sole Licensee and Manufacturer, Goswell-road, London. These pipes are well adapted for watering gardens, conveying liquid manure, racking beer and cider, for portable gas-lamps, and all purposes where a perfectly secure waterproof and flexible pipe is required. Hot liquors, acids do not injure them; they are, therefore, much used for chemical purposes, as they require no oil or dressing when out of use, and are particularly suitable for fire-engines, and are found extremely useful in dwelling-houses, for conveying hot or cold water to baths, &c. Testimonials and prices may be had on application at the manufactory. N.B.—Vulcanised India-Rubber Garden-Hose, fitted up with brass, jets, and branches complete, with union joints ready to attach to pumps or water-cisterns. All orders of London addressed to J. L. Hancock, Goswell-street, Goswell-road, London, will meet with immediate attention. Waterproof fishing boots and stockings, portable india-rubber boats, shower and sponge baths, air cushions and beds, made all sizes to order.

CHEAP, LIGHT, AND DURABLE ROOFING.

CROGGON'S PATENT ASPHALTE ROOFING FELT has been extensively used and pronounced efficient, and particularly applicable for warm climates.

1st. It is a non-conductor.—2nd. It is portable, being packed in rolls, and not liable to damage in carriage.—3rd. It effects a saving of half the timber usually required.—4th. It can be easily applied by any unprenticed person.—5th. From its lightness, weighing only about 48 lbs. to the square of 100 feet, the cost of carriage is small.—6th. Under slate, metal, or tiles, it is a most effective non-conductor.

INODOROUS FELT, for damp walls and for damp floors, under carpets and floor cloths. Price ONE PENNY per Square Foot.

CROGGON and CO.'s PATENT FELTED SHEATHING, for Covering Ships' Bottoms, &c., and

DRY HAIR FELT, for Covering Steam Boilers, Pipes, &c., preventing the radiation of Heat, saving 25 per cent. of Fuel, and deadening Sound.

Samples, testimonials, and full instructions, on application to CROGGON and CO., 2, DOWGATE-HILL, LONDON.

TO ARCHITECTS, BUILDERS, &c.

ALL descriptions of TERRA COTTA, CEMENT, and PLASTER CASTINGS, executed in a first-rate manner, on reasonable terms, by J. HERBERT and SON, Modellers, &c., 42, Parker-street, Drury-lane. A splendid assortment of Corinthian, Ionic, and other Capitals; Centre Flowers, Balustres, Trusses, &c.; Elizabethan and other Chimney Shafts.

ARCHITECTS or BUILDERS requiring ENRICHMENTS in COMPOSITION, CEMENT, or PLASTER, cannot have better executed work than that produced by WM. SMART, jun., of 13, CROWN-STREET, FINSBURY, who will be happy to give Estimates for work of any magnitude, at a reduced scale of charges. Architects' designs modelled with precision, and generally truthfully carried out. Established in the family three-fourths of a century.

GREAVES'S PORTLAND, ROMAN, and LIAS CEMENTS.—The above possess every cementitious property, in an eminent degree, and are unequalled for all hydraulic purposes.

GREAVES'S GROUND BLUE LIAS LIME.

CHARLES RICHARDSON, Agent,

Office, Warwick. 6, South wharf, Paddington.

FRENCH PLASTER mixed with sand forms a hard stucco for internal walls, which dries rapidly, and may be used in all cases in place of lime and hair, at a trifling increase of cost. It is stronger for ganged work than English plaster, and is cheaper in its first cost.—Importers and Manufacturers, J. B. WHITE and SONS, Millbank-street, Westminster; 11, South Wharf-road, Paddington; and Earl-street, Blackfriars.

ATKINSON'S CEMENT, made in London from the Stone supplied from the Mulgrave estate, is well known for its quick setting properties and fine natural colour, which have distinguished it for many years as the best Cement for casting and all ornamental purposes.—Manufacturers, J. B. WHITE and SONS, Millbank-street, Westminster; 11, South Wharf-road, Paddington; and Earl-street, Blackfriars.

KEENE'S and PARIAN CEMENTS, for internal stucco, are employed very advantageously in place of wood for skirtings, architraves, and panel mouldings, and for in-door flooring, instead of stone. The peculiar properties of PARIAN Cement allow of its being painted or papered upon within a few hours of its application, and thus render it an important substitute for common plastering in those cases where expedition and beauty of finish are essential.—J. B. WHITE and SONS, Millbank-street, Westminster; 11, South Wharf-road, Paddington; and Earl-street, Blackfriars, Patentees of KEENE'S Cement, Licensees of PARIAN Cement.

J. B. WHITE and SONS advise purchasers of PORTLAND CEMENT to ascertain if an article now selling under that name at a reduced price be the real Portland Cement or a spurious imitation of it in the shape of a Lias Lime.

PORTLAND CEMENT, as manufactured by J. B. WHITE and SONS, possesses all the properties of the best Roman Cement, but has the advantage over that material of wholly resisting frost. When used as a stucco, it does not vegetate or turn green in damp situations, and requires no colouring. Employed as an hydraulic mortar for brickwork, it contains four to five measures of sand to one of cement, and is proved by trial to become harder and stronger in these proportions than Roman Cement with but one measure of sand. This superior cementing power, combined with its eminently hydraulic properties, point it out as the finest material for building sewers and embankment walls, the lining of reservoirs, cisterns, and baths, and for all those purposes where strength and a perfect resistance to water are required.

Manufacturers—J. B. WHITE and SONS, Millbank-street, Westminster; 11, South Wharf-road, Paddington; and Earl-street, Blackfriars; and 30, Sackville-street, Liverpool.

PORTLAND CEMENT, in Casks of Four Imperial Bushels. QUANTITY NOT WEIGHT, BEING THE STANDARD.—CHAS. FRANCIS and SONS, Cement Works, Nine Elms, London.

6, South Wharf, Paddington.

PORTLAND CEMENT.—CHARLES RICHARDSON has the greatest confidence in intimating to the trade the above superior CEMENT, being of uniform colour and quality as Aberdeen never before obtained in Portland Cement. It possesses extraordinary cementitious qualities, resists the action of frost and heat, and is more durable than any other Cement, does not vegetate, turn green, or stain, combined with which its eminent hydraulic properties stamp it at once as the first Cement of the day for work where all the above qualities are requisite. It is manufactured on the only principle Portland Cement can be, and contrary to the statements put forth by those who have hitherto had the monopoly. Manufactured by R. GREAVES, Esq., at his Works, near the River Avon, and sent to all parts of the Kingdom per boat or rail, at a reduced price to the trade.

PORTLAND CEMENT, solely MANUFACTURED by WILLIAM ASPDIN, Son of the Patentee.—Messrs. ROBINS, ASPDIN, and Co. request reference to Nos. [illegible], pages 481; and also Nos. 294 and 296, pages 243 and 321, of "The Builder," for accounts of EXPERIMENTS on the strength of Portland Cements, whereby the great superiority of their Cement is manifest. This Cement has been proved for upwards of twenty years on the Thames Tunnel to resist the action of water; it is stronger in its cementitious qualities, harder, and more durable than any other description of Cement. It does not vegetate, crystallize, or turn green; nor is it affected by any atmospheric influence whatever the climate, resisting alike the action of frost and heat. It is manufactured to set in from five to sixty minutes. For all purposes that Cement is applicable the Proprietors challenge competition.—Orders received by Messrs. ROBINS, ASPDIN, and Company, at their Manufactory, Northfleet, Kent, and their Wharf, Great Scotland-yard, Whitehall; also at their Depôt, 61, Hanover-street, Liverpool.

PERMANENT STUCCO WASH, WITHOUT SIZE OR OTHER CORRUPTIBLE INGREDIENT.

As used at St. George's Hospital, Hyde Park Corner.

JOHNS and CO. having effected some important improvements in the manufacture of this very useful material, confidently offer it to the notice of the Trade and the Public generally, as possessing every advantage over the common Lime Wash or Water Colour for STUCCO or BRICK WORK. It is a Stone Colour, but may be tinted to any other—DOES NOT WASH OFF—is perfectly dry in twenty-four hours, and, being a non-absorbent, is admirably adapted for Railway Stations, Union Workhouses, Barracks, Schools, Prisons, &c. One cwt. will cover 200 square yards. It will keep good for years, and MAY BE EXPORTED WITH PERFECT SAFETY.

JOHNS and CO.'S STUCCO CEMENT.—This cement, from the great reduction in price, and its adhesiveness for internal as well as external surfaces, places it above all other materials of its kind; it has no caustic qualities; may be painted or papered in a few days; never blisters, crazes, or vegetates; soon becomes as hard as stone; and may be cleaned with a brush and water.

The merits of the PAINT are well known for its application to stucco work of all kinds, and external work generally. Numerous testimonials, prospectuses, and every information may be obtained, on application to the sole Agent, PHILIP HAM, at the Warehouse, 88, Steed-yard, Upper Thames-street. A liberal allowance to wholesale dealers.

PARIAN CEMENT for internal use, to be PAINTED IN A FEW HOURS, AND PAPERED WITHIN A COUPLE OF DAYS.—CHARLES FRANCIS and SONS, Patentees, Nine Elms, London.

ROMAN and other CEMENTS.—Manufactured by J. M. BLASHFIELD, successor to the late PARKER and WYATT, who, in 1796, first introduced PARKER'S ROMAN CEMENT, which has now for upwards of fifty years been extensively used in most of the public and private buildings and other works in this country and throughout the world. Among the more recent works in this country there have been used, employed since the present proprietor became the manufacturer, may be named the Lyceum and St. James' Theatres, the Carlton, Reform, and Army and Navy Club Houses, the London Docks, the Thames Tunnel, the Winter Palace, St. Petersburgh, the British Museum, the York Minster, the Royal Exchange, the Nelson Column, and the New Houses of Parliament. When properly applied, it is the most perfect and economical Cement for hydraulic works known; and, when used as stucco, it will resist the action of heat and frost, and preserve ruin from damp. As a mortar for brickwork, it surpasses any other material, and is NEARLY AS CHEAP FOR SUCH WORK AS MORTAR MADE OF ORDINARY LIME. Terms, as Hydraulic Lime, for setting masonry where slow hardening is important, so as to allow for the settlement of work. A Cement of extraordinary tenacity and hydraulic properties, and with which the most noted works in Lancashire have been executed. Hamelin's Patent Mastic, or Oil Cement, which may be painted immediately on use. Also Martin's Cement, Keene's Cement, Portland Cement, Genuine Plaster of Paris, prepared from the purest gypsum, and of any degree of fineness required. Chimney-pots, Trusses, Tiles, &c.—Manufactory, Mill-wall, Poplar. Depôts, Commercial-road, Lambeth, and Paddington-basin.

ROMAN CEMENT and PLASTER of PARIS WORKS.

THOS. FREEN and CO.

Manufacturers of ROMAN CEMENT, PLASTER of PARIS, and GROUND BLUE LIAS LIME.

TUSCANY WHARF, Regent's Canal, Kingsland-road, LONDON.

DEPOTS—QUEEN'S WHARF, Great Cambridge-street, Hackney-road.

KING'S WHARF, New Wharf-road, Battle-bridge.

No. 6 WHARF, PADDINGTON.

N.B. LATHS, TILES, PAVING BRICKS, PLASTERERS' HAIR, ARTIFICIAL STONE, POTTERY WARE, &c. &c.

LIME WORKS, WOULDHAM, near ROCHESTER.

THOS. FREEN and CO. beg to inform builders, contractors, and others, that they have purchased the LIME WORKS at WOULDHAM, on the Medway, of Mr. J. W. LINGHAM, and are now prepared to supply GREY, CHALK, and FAT LIME upon very reasonable terms, either by the barge, rail, from the Works, or in London; depôts—Commercial-road, TUSCANY WHARF, REGENT'S CANAL, KINGSLAND-ROAD, Queen's Wharf, Great Cambridge-road, HACKNEY-ROAD; KING'S WHARF, NEW WHARF ROAD, BATTLE BRIDGE.

GREY-STONE LIME.—HALL, Brothers, Merstham Lime Works, near Reigate, beg to offer to Builders and others a list of their prices for Cash delivery:

Grey-Stone Lime	6s. 0d. per Yard,	or 25 Bushels	
Ditto, for Manure	4s. 0d.	ditto	ditto
Ditto, Ashes	1s. 6d.	ditto	ditto
Black ditto	2s. 6d.	ditto	ditto

In not less than Six Yard quantities, and put on the Railway at all goods stations on the London and Brighton, and South Eastern Railways, or lime conveyed with them. A fresh supply hot from the kilns daily, at the Bricklayers' Arms and Croydon stations, and delivered to all parts.

Prices for Cash on delivery—7s. per yard at the stations or works; 8s. per yard delivered within five miles; in not less than 5-yard quantities. Booking, 2s. per yard; 1s. per yard off if paid monthly. Collecting charged 4s. The Quality is warranted to be the Best.—Address, Merstham, near Reigate, Croydon, or London place, Old West-road.

GUTTA PERCHA TUBING.—May be buried for years, without injury, and it is therefore valuable for conveying water, chemicals, &c. It is peculiarly valuable for liquid manures, drain, and soil pipes. Being a bad conductor, it is not affected by the frost of winter or drought of summer, like metal or leather. Its strength is extraordinary; a small half inch diameter tubing having resisted a pressure of 1[illegible] lbs. on the square inch, without bursting. The smaller sizes may be had in 100 feet, and the larger in 50 feet lengths. The joints are easily made. As a conductor of sound it is most valuable for conveying messages in lieu of bells. Every variety of articles manufactured by the GUTTA PERCHA COMPANY, Patentees, 18, Wharf-road, City-road, London; and sold by their wholesale dealers.

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